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**FREIGHTLINER.**  
CORPORATION  
A DaimlerChrysler Company

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OFFICE  
DEFECTS INVESTIGATION

Gary W. Rossow  
Director  
Government Technical Affairs

December 22, 1999

Freightliner Corporation  
4747 N Channel Ave.  
Portland, OR 97217  
803.735.8882 Phone  
803.735.8800 Fax  
GaryRossow@Freightliner.com

Office of Defects Investigation, Room 5326  
National Highway Traffic Safety Administration  
400 Seventh St., S.W.  
Washington, D.C. 20590

Attn: Jonathan D. White

**NHTSA**

**00/-002.001**

Subject: Information Report, FL-248

**SAFETY RECALL**

In accordance with Title 49, Part 573, Freightliner Corporation herewith submits an information report for a new recall campaign to recall Freightliner trucks for defective park brake valves, manufactured by Haldex Brake Systems, that do not comply with FMVSS 121.

Sincerely,



Gary W. Rossow

Cc: Michael Mason, CAL-OSHA

Certified Mail No Z 068 331 181

## **Section 573.6 Non-Compliance Information Report**

Date: December 22, 1999

**NHTSA**

**(c) (1) Manufacturer:** FREIGHTLINER CORPORATION  
P.O. BOX 3849  
Portland, Oregon 97208  
(503) 735-8078

**00V-002.001**

**SAFETY RECALL**

**(c) (2) Vehicles Identification:**

(ii) **Model(s) affected:** Freightliner Model FLN

**Manufacture Dates:** Approximately 6/6/97 through approximately 12/26/97.

**Basis for determining population:** The beginning date is the first truck built with the defective valves and the ending date is last truck built with defective valves.

(iv) **Component manufacturer if other than the vehicle manufacturer:** Haldex Brake Systems

**(c) (3) Total number of vehicles potentially affected:** Approximately 268

**(c) (4) Percentage of vehicles estimated to contain the defect:** Unknown

**(c) (5) Description of the defect:** See attached Haldex Brake System letter dated December 16, 1999.

**(c) (6) Chronology of principal events (defect only):** Freightliner received the attached recall notification from Haldex Brake Systems on December 17, 1999.

**(c) (7) Noncompliance test data:** None

**(c) (8)(i) Remedial program:** Repairs will be performed by Freightliner dealerships and Direct Warranty customers, i.e., customers approved by Freightliner to do their own warranty repairs.

**(ii) Estimated Owner Notification Date:** Customer notification will be by first class mail using Freightliner records to determine the customers affected. This will be completed approximately February 3, 2000.

**Remedy:** The brake valve will be removed and replaced.

**(c) (9) Communications sent to dealers and owners:** Copies will be submitted as a supplemental report when available.

**(c) (10) Copy of proposed owner notification letter:** A draft will be sent for ODI review when available.

**(c) (11) Manufacturer's campaign number:** FL-248

**Haldex****Brake Systems****NHTSA****00V-002.001****SAFETY RECALL****RECEIVED****DEC 17 1999****G. ROSSOW**

Dec. 16, 1999

Mr. Gary Rossow  
Freightliner Corp.  
4747 N Channel Ave.  
Mail Code C2D-ENG.  
Portland, OR 97208

Dear Mr. Rossow,

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Haldex Brake Systems has defined that it's MDV Manifold Dash Valve is non compliant to the requirements of FMVSS 121. This valve controls the emergency and parking brakes on the tractor and trailer. This non compliance involves the loss of the isolation of the two brake system circuits and can result in the loss of the service brakes when there is another failure of one of the two brake circuits. This non compliance affects all MDV Manifold Dash Control Valves manufactured and sold by Midland Brake, Inc. between June 1, 1997 and Dec. 31, 1997. Haldex Brake Systems purchased the assets of Midland Brake, Inc. in Apr. 1998 and is conducting the recall on the Midland Manifold Dash Valve.

**REASON FOR THIS RECALL:**

The double check valve incorporated into the Manifold Dash Valve becomes brittle over time and cracks. This crack does not permit the double check valve from protecting either the primary or the secondary system pressures in the event of a single point failure of one of the two circuits. The failure of this double check valve can result in the loss of all service braking when there is another failure in the system.

**WHAT HALDEX WILL DO:**

Haldex Brake Systems will supply a replacement valve to you. This valve will be furnished at **NO CHARGE TO YOU.** These valves will be available starting Feb. 3, 2000 and can be obtained by completing the attached **REPLACEMENT REQUEST** form or by contacting Haldex Brake Systems at the following number.

**WHAT YOU SHOULD DO:**

Haldex recommends that you test your brake system to determine if the double check valve has failed and to request a replacement valve assembly from Haldex Brake Systems. The test can be done by charging the system, turning off the engine and draining one of the two service reservoirs. If only one pressure decreases, the valve is good, if both pressures decrease, the valve is bad and needs to be replaced.

The replacement of the valve will require that the Manifold Dash Valve be removed from the dash (or control console). Haldex Brake Systems does not have service facilities or service technicians and as such the replacement of the valve assembly will need to be completed by the customer. It is estimated that the modification will require 1 to 1 1/2 hours to complete.

**Haldex Brake Products Corporation**

North American Headquarters  
10830 North Pomona Avenue  
Kansas City, Missouri 64153-1297

Phone: (816) 891-2470  
Fax: (816) 891-9447



NHTSA

00V-002,001

**SAFETY RECALL**

**Haldex**

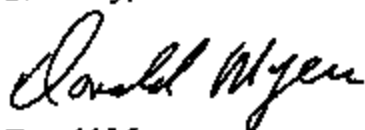
**Brake Systems**

Haldex has provided a listing of the part number (s) and quantities of the units we show as having been shipped to you during the suspect time period to assist you in determining where these units may have been used. If you are a vehicle manufacturer or a distributor and you want Haldex to send notification to your customers, please supply Haldex with a listing of the names and addresses of the people / companies who purchased these valves between June 1, 1997 and Dec. 31, 1998 and we will send the notice to them.

Haldex would appreciate a response indicating the action that you are taking on this issue. If you have any questions concerning the details of this recall or the remedy, you may contact Haldex Brake Systems at 1-316-365-6911 and ask for "Customer Service" between the hours of 7 a.m. and 7 p.m. Central time Monday through Friday. You may also wish to contact the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street S.W., Washington, DC 20590 or call 1-800-424-9393 (Washington, DC residents may call 202-366-0123).

Haldex apologizes for any inconvenience in this matter. We have taken this action in the interest of your safety and continued satisfaction with our product.

Sincerely,



Donald Myers  
Group Director, Quality Assurance  
Haldex Brake Systems  
10930 N Pomona Ave.  
Kansas City, MO 64153  
Phone 816-801-2641  
Fax 816-891-9432